HIGH CONTAMINATION SCREENING JOB AID

About High Contamination Screening

Screening for highly contaminated people is an important contamination control measure in the community reception center (CRC). Staff at the Initial Sorting Station can use either alarming dose rate meters or Geiger counters to perform high contamination screenings. This screening should be quick and non-intrusive, and it should not affect CRC throughput. Contaminated people should be escorted directly to the Wash Station.

Screening Criteria

_____ CPM
milliR/hr
microR/hr

High Contamination Screening Technique (Alarming Dosimeter)

1. Set the dose rate meter to the screening criteria (dose rates below this level will not set off the alarm).
2. If the meter has an audible alarm, use headphones or an earpiece to hear the alarm; audible alarms can create anxiety among people in line.
3. Walk slowly along the line, engaging new arrivals as they approach or enter the CRC.
4. If the meter alarms, isolate the source and ask that person to step out of line.
5. Escort the contaminated person to the Wash Station, avoiding physical contact.

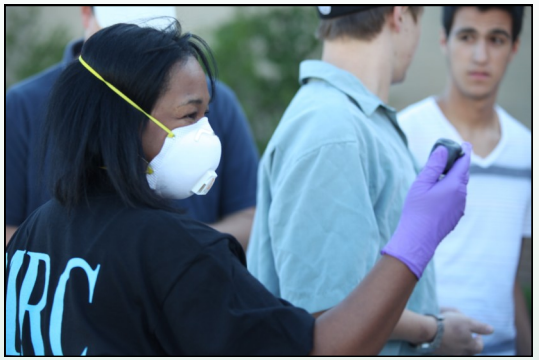

Image 1: High contamination screening with an alarming dosimeter

High Contamination Screening Technique (Count Rate Meter)

1. Select the proper meter setting for the probe and review the screening criteria.
2. If the meter has an audible signal, use headphones or an earpiece to hear the counts; audible alarms can create anxiety among people in line.
3. Walk slowly along the line, engaging new arrivals as they approach or enter the CRC.
4. If the meter registers readings above the screening criteria, isolate the source and ask that person to step out of line.
5. Escort the contaminated person to the Wash Station, avoiding physical contact.

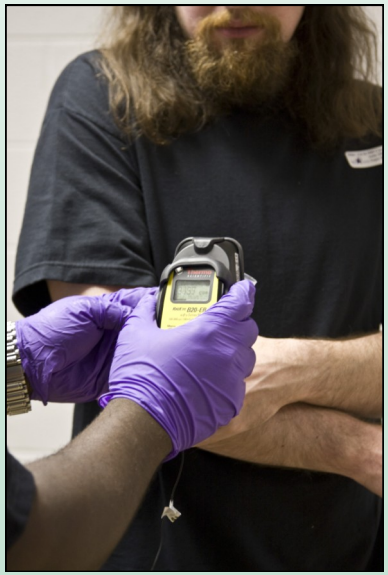

Image 2: High contamination screening with a count rate meter

Determining the Next Step

If the person is not contaminated

- No action is required.
- Allow him to continue into the CRC.

If the person is highly contaminated

- Ask him to step out of line.
- Escort him to the Wash Station.
- Avoid physical contact.